BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name Of Work :- Detailed Estimate for Operation and Maintanance of street lights in Mallasandra Surrounding Area ward no 16, Package D-2

Budget Head ..... P0300 .....

Division No. Dasarahalli Estimate No. 04/24-25 For Rs.= **25,00,000.00**

Sl. No.	SR Page. No.	Description of Work	Unit	Qty.	Rate for 10 months Rs.	Amount
1	Approved rates	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day Maintaining movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc, complete, so as to ensure efficient burning of street lights detailed in tender documents for. **125W HPMV Park lighting system.**	Each	22	554.20	12192.40
2	Approved rates	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day Maintaining movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc, complete, so as to ensure efficient burning of street lights detailed in tender documents for **250W HPSV street lighting systems.**	Each	1194	792.50	946245.00
3	Approved rates	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day Maintaining movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc, complete, so as to ensure efficient burning of street lights detailed in tender documents for **400 watts HPSV street light /High mastlighting system.**	Each	78	854.17	66625.26
4	Approved rates	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, LED Array MCPCB, surge protective device,wires and switching ON/OFF of street lights at specified timing furnishing maintenance reports every day ,Maintaining Movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc,complete so as to ensure efficient burning of street lights detailed in tender documents for **24 Watt to 45 Watt LED Park/ street lighting system.**	Each	475	622.50	295687.50

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5	Approved rates	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, LED Array MCPCB, surge protective device,wires and switching ON/OFF of street lights at specified timing furnishing maintenance reports every day ,Maintaining Movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc,complete so as to ensure efficient burning of street lights detailed in tender documents for **50 Watt to 72 W LED street Light lighting system.**	Each	210	815.00	171150.00
6	Approved rates	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, LED Array MCPCB, surge protective device,wires and switching ON/OFF of street lights at specified timing furnishing maintenance reports every day ,Maintaining Movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc,complete so as to ensure efficient burning of street lights detailed in tender documents for **90W LED street light lighting system.**	Each	464	990.00	459360.00
7	Approved rates	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, LED Array MCPCB, surge protective device,wires and switching ON/OFF of street lights at specified timing furnishing maintenance reports every day ,Maintaining Movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc,complete so as to ensure efficient burning of street lights detailed in tender documents for **100/120 watt LED street light lighting system.**	Each	50	1148.30	57415.00
8	Approved rates	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, LED Array MCPCB, surge protective device,wires and switching ON/OFF of street lights at specified timing furnishing maintenance reports every day ,Maintaining Movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc,complete so as to ensure efficient burning of street lights detailed in tender documents for **150/180 watt LED street light /High mast lighting system.**	Each	1	1322.50	1322.50
9	Approved rates	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, LED Array MCPCB, surge protective device,wires and switching ON/OFF of street lights at specified timing furnishing maintenance reports every day ,Maintaining Movement log of ladder jeep by installing dedicated GPS System with required hardware and software etc,complete so as to ensure efficient burning of street lights detailed in tender documents for **200/300 watt LED street light /High mast lighting system.**	Each	1	1700.00	1700.00
10	21/5.44.1	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cut-out with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility **300 mm x 300 mm x 214 mm**	Each	10	4512.00	45120.00

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17/5.15.1		Supplying and fixing Moulded Case Circuit Breaker (MCCB)over the existing wood/panel board using necessary screws,bolts, nuts, necessary phase separators, handle and wiringcomplete. Protection of Overload and Short circuit in ThermalMagnetic Release. Micro processor release shall have EarthFault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Polesshould have protection for Short-Cicrcuit/Over Load. ForMicroprocessor MCCBS Facility for segregating Priority andNon-Priority loads must be available in the MCCB. MCCB shallbe provided with double insulation (insulation between frontcover and internal power circuits to avoid any accidentalcontact with live current carrying path with the front coveropen). Multi-pole breakers shall be designed to break all thepoles simultaneously and they shall have a single mechanism THREE Pole 100 A 25 kA	Each	10	6086.00	60860.00
		Total				2117677.66
		18% GST				381181.98
		Misc				1140.36
		Grand Total				2500000.00

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.

4. The rates in the Estimate is based on Common SR 2023-24 Volume-6 (KPTCL, ESCOMs & PWD Ele) (3), approved rates
5. The Above Work is not taken up in any Previous Grants

Jr/Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
DASARAHALLI DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

ನಂ 2 ಕಾ.ಆ.(ವಿ):ದಾಸ 02 2024-25
ದಿನಾಂಕ 27-9-24 ರಂದು 25,00,000/- ಲಕ್ಷರೂಗಳ
ಮೊತ್ತಕ್ಕೆ ಸಂ.ಮು.ಆ.ಸಂ.ದಾ.ಸ.ಇ.ಇ.(ವಿ)/ಎಸ್ಇ(ವಿ)/ಎಸ್ಇ/23-24
ಮಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದ್ದು,
ಮಟ್ಟಿ ಸಂಖ್ಯೆ 49 ಕ್ರಮಾಕ್ಷರ 02
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ವಿ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

TECHNICALLY SANCTIONED FOR Rs. 25,00,000
Rupees: Twenty Five Lakhs Rupees Only
Head of Account: PN300
Registered SE No. 29/2024-25
condition contained in the enclosed
Administratively Approved By: EE/ELE/DE
No. 02 Dt. 27-9-24

Asst. AE
SE (Elec.)

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